

What is claimed is:

1. A method of integrating content from media sources comprising:
 - searching the media sources for content and metadata based
 - 5 on a search criteria;
 - parsing the metadata from the sources;
 - receiving user preference information from a user;
 - integrating the content and the metadata according to the
 - user preference information and based on the result of the
 - 10 parsing; and
 - displaying an integrated content concurrently on one or
 - more user displays.
2. The method of claim 1/further comprising providing
- the integrated content and the metadata to an information
- 15 presenter.
3. The method of claim 1 /further comprising providing
- the integrated content and the metadata resulting from the
- parsing to a content service provider.
4. The method of claim 1, wherein the sources comprise
- 20 television programs, Internet broadcasts, and worldwide web
- pages.
5. The method of claim 1 wherein a data description
- manager passes the metadata resulting from the parsing and an
- associated content to an information integrator using an
- 25 extensible markup language (XML).

6. The method of claim 1 wherein a data description manager passes the metadata resulting from the parsing and an associated content to an information integrator via an Application Programming Interface (API).

5 7. The method of claim 1 wherein the content is associated with one or more metadata descriptions.

8. The method of claim 7 wherein a multi-modal analysis engine creates the metadata description.

9. The method of claim 8 wherein the multi-modal analysis engine comprises a video analyzer, an audio analyzer, and a digital analyzer.

10. The method of claim 1 further comprising storing the integrated content for access at anytime by the user.

11. An apparatus for delivering content from media sources, comprising:

a memory that stores executable instructions; and

a processor that executes the instructions to:

search the media sources for content and metadata based on a search criteria;

parse the metadata from the sources;

receive user preference information from a user;

integrate the content and the metadata according to the user preference information and based on the result of the parsing; and

display an integrated content concurrently on one or more user displays.

12. The apparatus of claim 11 wherein the processor executes instructions further comprising providing the
5 integrated content to an information presenter.

13. The apparatus of claim 11 wherein the processor executes instructions further comprising providing the integrated content to a content service provider.

14. The apparatus of claim 11 wherein the sources
10 comprise television programs, Internet broadcasts, and worldwide web pages.

15. The apparatus of claim 11 wherein a data description manager passes the metadata resulting from the parsing and an
15 associated content to an information integrator using an extensible markup language (XML).

16. The apparatus of claim 11 wherein a data description manager passes the metadata resulting from the parsing and an associated content to an information integrator via an
Application Programming Interface (API)

20 17. The apparatus of claim 11 wherein the content is associated with one or more metadata descriptions.

18. The apparatus of claim 17 wherein a multi-modal analysis engine creates the metadata description.

19. The apparatus of claim 18 wherein the multi-modal analysis engine comprises a video analyzer, an audio analyzer, and a digital analyzer.

20. The apparatus of claim 11 wherein the processor
5 executes instructions further comprising storing the integrated content for access at anytime by the user.

21. An article comprising a computer-readable medium that stores executable instructions for delivering content from media sources, the instructions causing a machine to:

search the media sources for content and metadata based on a search criteria;

parse the metadata from the sources;

receive user preference information from a user;

integrate the content and the metadata according to the user preference information and based on the result of the parsing;

display an integrated content concurrently on one or more user displays.

22. The article of claim 21 further comprising
20 instructions causing the machine to provide the integrated content to an information presenter.

23. The article of claim 21 further comprising instructions causing the machine to provide the integrated content to a content service provider.

24. The article of claim 21 wherein the sources comprise television programs, Internet broadcasts, and worldwide web pages.

25. The article of claim 21 wherein a data description manager passes the metadata resulting from the parsing and an associated content to an information integrator using an extensible markup language (XML).

26. The article of claim 21 wherein a data description manager passes the metadata resulting from the parsing and an associated content to an information integrator via an Application Programming Interface (API).

27. The article of claim 21 wherein the content is associated with one or more metadata descriptions.

28. The article of claim 27 wherein a multi-modal analysis engine creates the metadata description.

29. The article of claim 28 wherein the multi-modal analysis engine comprises a video analyzer, an audio analyzer, and a digital analyzer.

30. The article of claim 21 further comprising instructions causing the machine to store the integrated content for access at anytime by the user.